

#### **Nutrition Education Lessons from**

Improving Food Security & Nutrition (IFSN)
Policy & Programme Outreach
Malawi, Africa

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Policies against Hunger XII Sowing the seeds for nutrition: What food systems do we need?

Berlin, 22-24 June 2016













#### **Success for Nutrition Education**

- 1. Agriculture and Food Systems must go hand in hand in Nutrition Education. If Agriculture and Food Systems aren't providing our Nutrition, we are doing it right.
- 2. Participatory connecting with each participant, building from where they are to improve, hands on, learning together, learning by doing, always learning.
- Nutrition Education for ALL. Meals and Snacks match what we teach.



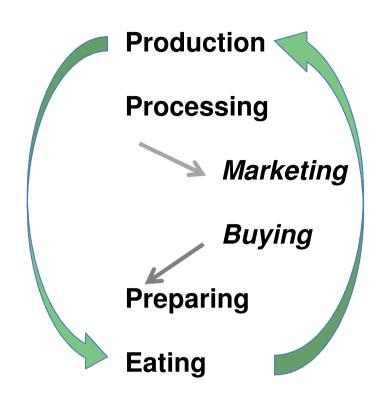
## <u>Unbalanced</u> <u>Agriculture & Diet</u>

Producing & Eating only 1 staple food creates:

- low nutrient food systems
- low nutrient diets



# **Balanced Agriculture & Diet Producing & Eating** a diverse healthy diet is fundamental to good nutrition at all ages



**Global FOOD Supply** 

7,000 plant foods available

3 crops = 50 % plant energy

**30 crops = 95 % calories & protein** 

**FAO 1997** 

## **ALL Food Groups**

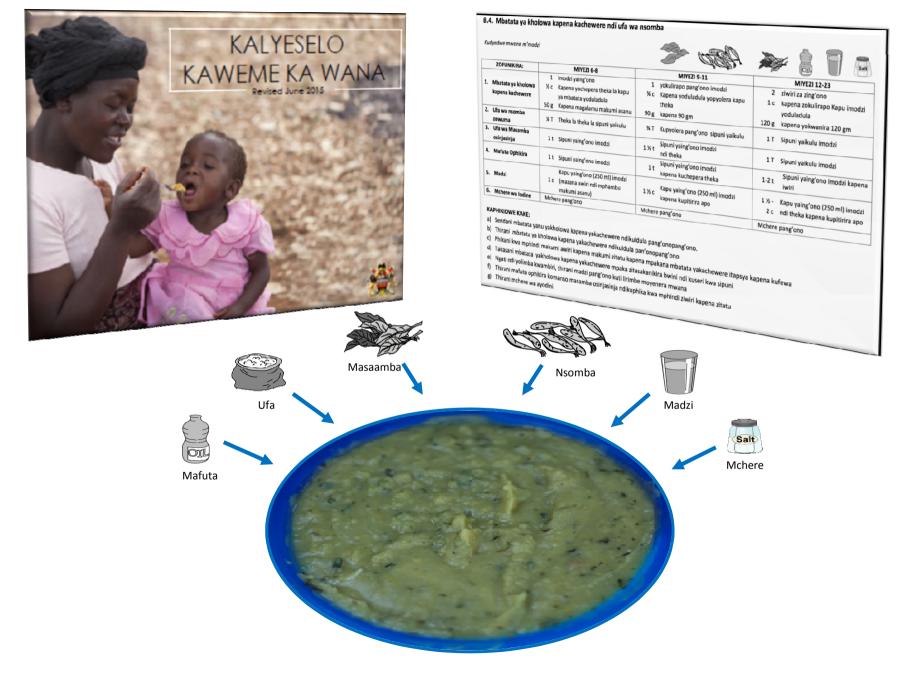


#### **Biodiverse Food Cards & Food Availability Calendar**



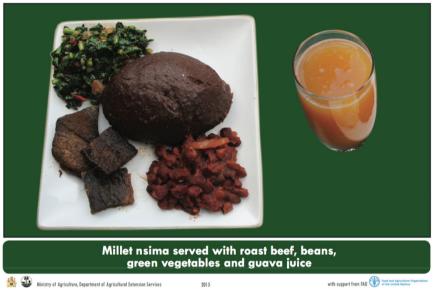
Food Groups	FOODS Available:	Dec-Mar Hot/Wet	Apr–Jul Cool/Moist	Aug-Nov Hot/Dry
. Staples	Green Banana, Plantain	~	~	
	Maize, Chimanga		~	
	Millet, Mawere		~	~
	Cassava, Chinangwa		~	~
	Yams, Chilazi Mpama			~
Fruits	Мапдо	~		
	Рарауа		~	
	Banana		~	
	Masuku			~
	Chisale			~
Vegetables	Mushrooms, Bowa	~		
	Amaranth, Bonongwe	~		
	Hibiscus leaves, Limanda	~	~	
	Cassava leaves, Chigwada	~	~	~
	Chipwete		~	
Legumes & Nuts	Beans, Nyemba	~	~	
Fearal	Cowpeas, Khobwe	V	V	
	Groundnuts, Mtedza		~	
ALL STATES	Pigeon Peas, Nandolo		~	~
THE WALL	Lima Beans, Chimbamba, Kamumpanda		~	~
Animal Foods	Termites, Ngumbi	~		
MILLS Shark	Eggs (chicken, ducks, etc.)	~	~	~
B mondy Controlled	Rabbits	~	~	~
	Milk	~	~	~
	Goat	~	~	~
	Fish	~	~	
. Fats and Oils	Avocado, Mapeyala	~		
	Coconut		~	
-	Sunflower seeds		~	~
OIL	Pumpkin seeds		~	
butter butter	Sesame Seeds		~	
/ater				
		-	~	problem

### IYCF Recipe Books: with flexible, diverse ingredients



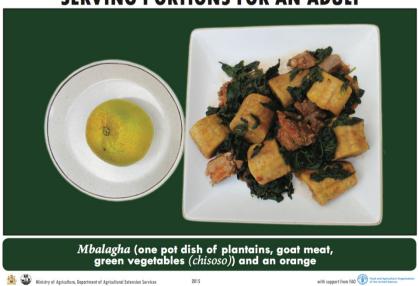
#### Pictures & Recipes - healthy diverse family meals

#### **SERVING PORTIONS FOR AN ADULT**

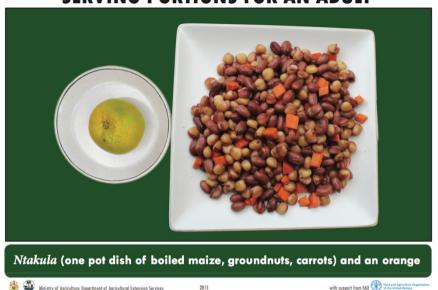




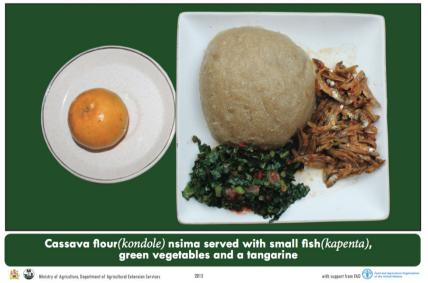
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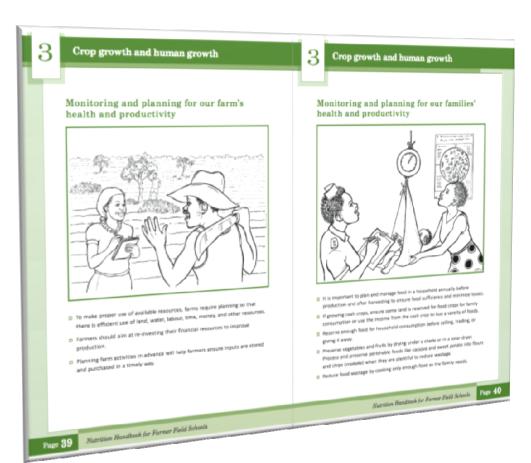


#### **Materials:**

## **Farmer Field School**

#### **Nutrition Handbook**

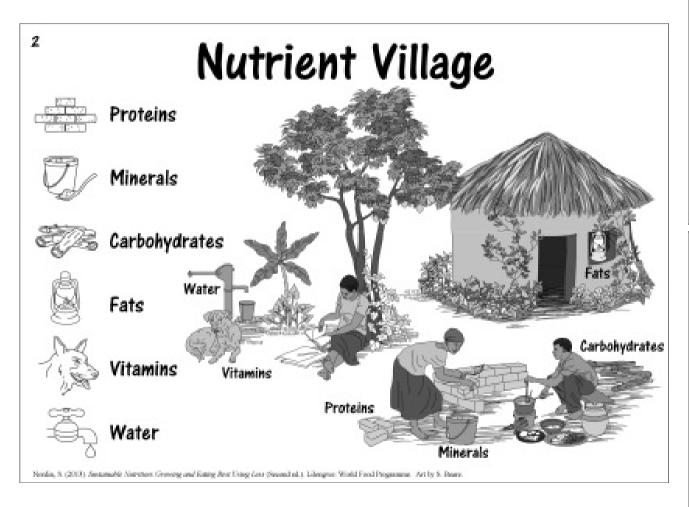
Section 1:	Integrating nutrition into farmer field schools	2
Section 2:	Food and nutrition issues and solutions	6
Section 3:	Crop growth and human growth 2	2

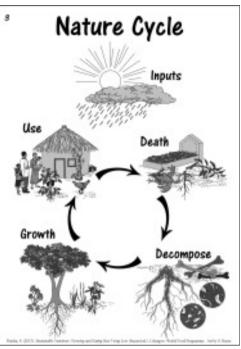


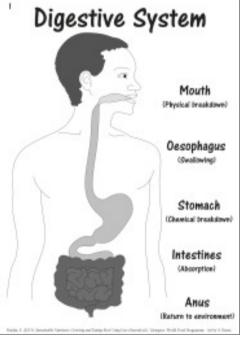




## Integrated Agriculture Nutrition Materials: Sustainable Nutrition (WFP)







#### 10 IYCF nutrition education sessions over 4-5 months, ideally with Agriculture Education

Health sessions Food sessions with 5 Participatory cooking & eating sessions Mixed Review

1	Overview, Continuation of breastfeeding, hand washing and Food Safety	
2	Complementary feeding for different age groups, consistency of porridge	
3	Malawi 6 food groups, Seasonal Food Availability Calendar	
4	Family meals and how they affect child nutrition	
5	Vegetables, Fruits and other healthy snacks	
6	Legumes /pulses	
7	Animal source food	
8	Feeding the sick child and prevention, Danger signs of illness	
9	Review of key messages and what was learned and adopted by families	
10	Graduation – Caregiver certificates – Community Open Day – Displays	













## **IFSN IYCF Support**

#### 1. Formative Research

Trials of Improved Practices
Best success where people liked the recipes

#### 2. Research 1st phase of roll out (3 phases in total)

Dietary Diversity improved: increased proteins, fruits, vegetables Best improvements in families who had <u>both</u> Agriculture & Nutrition Ed.

#### 3. Improving all levels of Nutrition capacity

National, District, Extension Services Agriculture – Health – Education – Gender

#### 4. Engaging Society Ownership

Committees, Volunteers, Whole Families & Communities
Best results in supportive communities, families & high participation













## **Agriculture & Nutrition for ALL**

